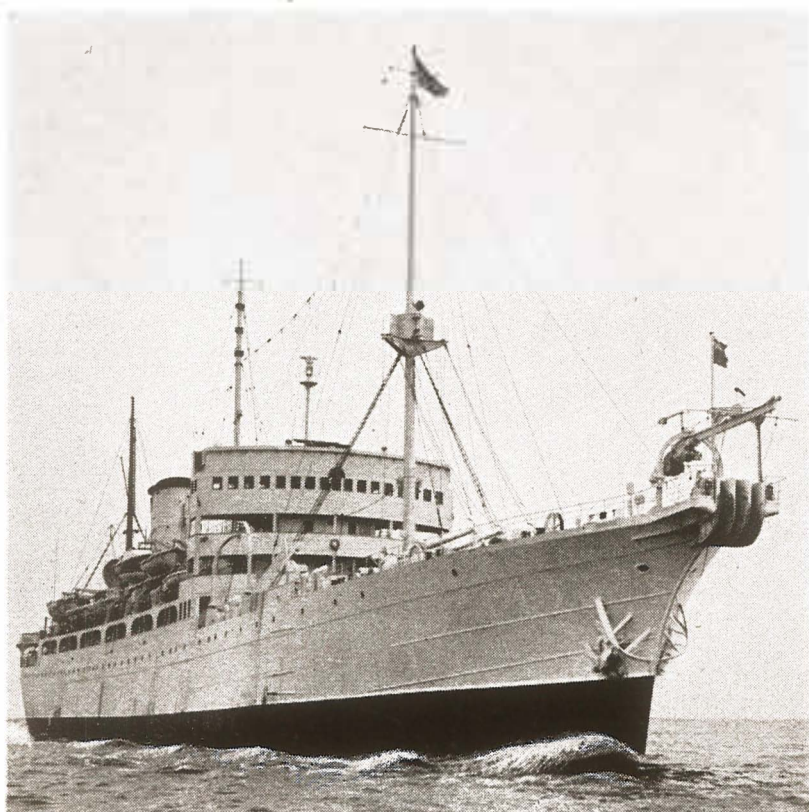
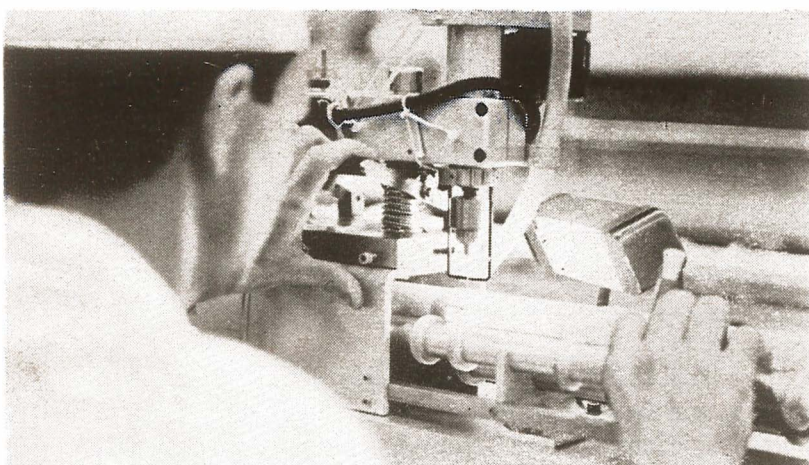




LAYING THE CABLE. This is the world's largest cable-laying ship—*HMTS Monarch*—now engaged in laying the first telephone cable across the Atlantic. Note special cable-laying gear at the bow. Ship's huge storage tanks can carry 1800 nautical miles of cable.



DEEP-SEA VOICE AMPLIFIERS were designed by Bell Laboratories and made to new standards of manufacturing care and quality by Western Electric. Each must be waterproof—able to stand the tremendous pressure at the bottom of the ocean—slim and flexible enough to pay through the ship's cable-laying gear—and operate for years without attention.

Transatlantic Telephone Cable Is Now Being Laid

New underseas telephone system will provide enlarged and improved service between this country and Great Britain

A history-making voyage is now under way—to place a twin telephone cable system under the Atlantic Ocean.

The world's first transoceanic telephone cable is being laid from this continent to Great Britain this summer. The second cable will be laid next year.

When both cables are completed—each transmits speech in only one direction—people in this country can talk with those in England under the Atlantic Ocean for the first time. Present service is by radiotelephone.

The new cable system is the culmination of many years of planning, invention and development. The major problem was to build amplifiers right into the cable which could withstand the enormous pressure at the bottom of the ocean and operate without attention for years.

Telephone service across the Atlantic will be improved and enlarged by the new system which is a joint undertaking of the Bell System, Canadian Overseas Telecommunication Corporation and the British Post Office. The 36 cable circuits can operate full time and will be free from disturbances which affect radio.

This new era of improved quality of service and reliability will benefit not only individuals and business but will be of far-reaching value in national defense.

BELL TELEPHONE SYSTEM

